

NOTICE OF PUBLIC MEETING

STATE OF CALIFORNIA
Air Resources Board

Research Screening Committee

A meeting of the California Air Resources Board's (ARB or Board) Research Screening Committee (RSC) will be held at the time and place specified below (see attached agenda). The RSC reviews projects funded or proposed for funding by ARB, and provides advice and recommendations to the Board. The RSC will review relevant written comments received on the scientific methods or other scientific aspects of the research projects.

TO SUBMIT WRITTEN COMMENTS ON AN AGENDA ITEM IN ADVANCE OF THE MEETING, EMAIL TO: Monica Vejar at mvejar@arb.ca.gov by close of business, October 24, 2012. There will be a three minute time limit for those who wish to provide oral comments on an agenda item.

The notice and materials to be discussed are on the ARB Internet site at <http://www.arb.ca.gov/research/rsc/rsc.htm>.

Date: October 26, 2012
Time: 9:00 a.m.
Place: Cal/EPA Headquarters Building
1001 I Street, Conference Room 510
Sacramento, California 95814

and

Place: California Polytechnic State University
Engineering IV, Building. 192, Room # 206
San Luis Obispo, California

If you have any questions regarding this meeting, please contact Bart E. Croes, P.E., Chief, Research Division, Air Resources Board, P.O. Box 2815, Sacramento, California 95812, at (916) 323-4519, or bcroes@arb.ca.gov.

If you require a special accommodation or need these documents in an alternate format or another language, please contact Monica Vejar, RSC Coordinator, at (916) 322-3707 or mvejar@arb.ca.gov, as soon as possible, but no later than 10 business days before the scheduled meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.


James N. Goldstone
Executive Officer

Dated: *October 4, 2012*

Attachment

Location #3

4518 Whisper Way Drive
Troy, Michigan 48098

Location #4

128 B Giannini Hall
University of California, Berkeley
Berkeley, CA 94720

Location #5

Institute of the Environment
University of California Los Angeles
La Kretz Hall, 3rd Floor, suite 300C
Los Angeles, CA 90095

Location #6

Department of Atmospheric and Oceanic Sciences
University of California, Los Angeles
7127 Math Science Building
405 Hilgard Avenue
Los Angeles, CA 90095

Location #7

Research Triangle Park
EPA Research Facility
E Building, Room E211D
Alexander Drive, NC 27703

(This is a Federal building. Please provide 24-hour notice for security access.)

**State of California
AIR RESOURCES BOARD**

**Research Screening Committee Meeting
Cal/EPA Headquarters Building
1001 I Street
Conference Room 510
Sacramento, California 95814
(916) 445-0753**

&

**California State Polytechnic University
Engineering IV, Building 192
Room Number: 206
Street location: Corner of California Blvd. and Highland Drive
San Luis Obispo, California 93407**

**October 26, 2012
9:00 a.m.**

AGENDA

I. Approval of Minutes of Previous Meeting:

July 11, 2012 meeting

II. Discussion of New Research Projects:

- 1) "Measuring Real-World Emissions from the On-Road Heavy-Duty Truck Fleet," University of California, Berkeley, \$450,000, Proposal No. 2745-275
- 2) "Evaluating the Benefits of Light Rail Transit," University of California, Irvine, \$200,000, Proposal No. 2746-275
- 3) "Economic and Operational Considerations in Transitioning to a Zero or Near-Zero Emission Rail System in California," University of Illinois, \$399,889, Proposal No. 2747-275
- 4) "Life Cycle Assessment and Co-Benefits of Cool Pavements," Lawrence Berkeley National Laboratory, \$450,000, Proposal No. 2748-275
- 5) "Improving Detection of Particulate Matter Emissions for Certification of Advanced Clean Cars (CRC Project E-99, 'Very Low PM Measurement')," University of California, Riverside, \$100,000, Proposal No. 2749-275

- 6) "Investigating Controls and Measurement Methods for Semi-Volatile Organic Compound Emissions from Light-Duty Vehicles," Colorado State University, Fort Collins, \$500,000, Proposal No. 2750-275
- 7) "Improving Chemical Mechanisms for Ozone and Secondary Organic Carbon," University of California, Davis, \$450,024, Proposal No. 2751-275
- 8) "Characterizing the Climate Impacts of Brown Carbon," University of California, San Diego, \$530,000, Proposal No. 2752-275
- 9) "Advanced Plug-in Electric Vehicle Travel and Charging Behavior," University of California, Davis, \$650,000, Proposal No. 2753-275
- 10) "New Car Buyers' Valuation of Zero-Emission Vehicles," University of California, Davis, \$250,000, Proposal No. 2744-275
- 11) "Identifying Urban Designs and Traffic Management Strategies that Reduce Air Pollution Exposure," University of California, Los Angeles, \$388,001, Proposal No. 2754-275

III. Discussion of Draft Final Reports:

- 1) "Mobile Platform III: Characterizing Spatially Inhomogeneous Non-Criteria Pollutants in the Los Angeles Air Basin," University of California, Los Angeles, \$290,000, Contract No. 09-357
- 2) "Measuring the Climate Impact of Residential Buildings: Greenpoint Rated Climate Calculator Version 2," University of California, Berkeley, \$101,575, Contract No. 09-344
- 3) "Measurement of Diesel Solid Nanoparticle Emissions Using a Catalytic Stripper for Comparison to Europe's Particle Measurement Programme Protocol," University of California, Riverside, \$170,000, Contract No. 08-302
- 4) "Are There Any Counteracting Effects that Reduce the Global Warming Benefits Attributed to Black Carbon Controls: Assessment of Cloud Drop Number Concentration Changes and its Importance in Modeling Cloud Albedo Effects on Climate," University of California, San Diego, \$114,751, Contract No. 09-337
- 5) "Inverse Modeling to Verify California's Greenhouse Gas Emission Inventory," California State University, East Bay, \$150,000, Contract No. 09-348

IV. Discussion of a Response to a Request for Proposals:

- 1) "Measuring Real-World Emissions from the On-Road Passenger Fleet,"
RFP No. 12-303

- University of Denver, Colorado,
Proposal No. 2755-275, \$75,000

V. Discussion of Requests for Proposals:

- 1) "Technical Analysis of Vehicle Load-Reduction Potential for Advanced Clean Cars," \$250,000, RFP No. 12-311
- 2) "Evaluating Technologies and Methods to Lower Nitrogen Oxide Emissions from Heavy-Duty Vehicles," \$1,000,000, RFP No. 12-310

VI. Other Business:

- 1) Update on the 2012-2013 Research Solicitation